



April 03, 2020

Supt. Rich McCuen Hampton Bays Water District P.O. Box 1013 Hampton Bays, NY 11946

RE: Project: DIST BACT 4/1

Pace Project No.: 70126769

Dear Supt. McCuen:

Enclosed are the analytical results for sample(s) received by the laboratory on April 01, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

• Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley M. Mack

kimberley.mack@pacelabs.com

Kimberley Mack.

(631)694-3040 Project Manager

Enclosures

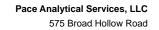
cc: Warren Booth, Hampton Bays Water District

John Collins, H2M Group

Stella Michaels, Hampton Bays Water District

Paul Ponturo, H2M Group





Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: DIST BACT 4/1
Pace Project No.: 70126769

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



SAMPLE SUMMARY

Project: DIST BACT 4/1
Pace Project No.: 70126769

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70126769001	HB27	Drinking Water	04/01/20 09:35	04/01/20 16:00
70126769002	HB2	Drinking Water	04/01/20 09:50	04/01/20 16:00
70126769003	HB3	Drinking Water	04/01/20 09:05	04/01/20 16:00
70126769004	HB4	Drinking Water	04/01/20 07:30	04/01/20 16:00
70126769005	HB5	Drinking Water	04/01/20 07:45	04/01/20 16:00
70126769006	HB6	Drinking Water	04/01/20 08:30	04/01/20 16:00
70126769007	HB7	Drinking Water	04/01/20 09:20	04/01/20 16:00
70126769008	HB8	Drinking Water	04/01/20 08:50	04/01/20 16:00
70126769009	HB9	Drinking Water	04/01/20 08:00	04/01/20 16:00
70126769010	HB10	Drinking Water	04/01/20 10:05	04/01/20 16:00
70126769011	HB11	Drinking Water	04/01/20 08:15	04/01/20 16:00



SAMPLE ANALYTE COUNT

Project: DIST BACT 4/1
Pace Project No.: 70126769

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70126769001	HB27	SM22 9223B Colilert	GFD	
70126769002	HB2	SM22 9223B Colilert	GFD	2
70126769003	НВ3	SM22 9223B Colilert	GFD	2
70126769004	HB4	SM22 9223B Colilert	GFD	2
70126769005	HB5	SM22 9223B Colilert	GFD	2
70126769006	HB6	SM22 9223B Colilert	GFD	2
70126769007	НВ7	SM22 9223B Colilert	GFD	:
70126769008	HB8	SM22 9223B Colilert	GFD	2
70126769009	HB9	SM22 9223B Colilert	GFD	2
70126769010	HB10	SM22 9223B Colilert	GFD	2
70126769011	HB11	SM22 9223B Colilert	GFD	2

PACE-MV = Pace Analytical Services - Melville

(631)694-3040



Date: 04/03/2020 04:02 PM

ANALYTICAL RESULTS

Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB27	Lab ID:	Lab ID: 70126769001		Collected: 04/01/20 09:35			/01/20 16:00 Ma	atrix: Drinking \	Vater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville							
Total Coliforms	Absent				1	04/01/20 17:55	04/02/20 11:55		
E.coli	Absent				1	04/01/20 17:55	04/02/20 11:55		



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB2	Lab ID:	Collecte	Collected: 04/01/20 09:50 Re-			Received: 04/01/20 16:00 Matrix: Drinking W			
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Ana	Method: lytical Services	- Melville						
Field Residual Chlorine	0.54	mg/L			1		04/01/20 09:50		N3
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB3	Lab ID:	70126769003	Collecte	Collected: 04/01/20 09:05 R			Received: 04/01/20 16:00 Matrix: Drinking		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Anal	Method: lytical Services	- Melville						
Field Residual Chlorine	0.40	mg/L			1		04/01/20 09:05		N3
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB4	Lab ID:	70126769004	Collecte	Collected: 04/01/20 07:30			Received: 04/01/20 16:00 Matrix: Drinking		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Anal	Method: lytical Services	- Melville						
Field Residual Chlorine	0.86	mg/L			1		04/01/20 07:30		N3
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB5	Lab ID:	70126769005	Collecte	Collected: 04/01/20 07:45 Received			d: 04/01/20 16:00 Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Ana	Method: llytical Services	- Melville						
Field Residual Chlorine	0.74	mg/L			1		04/01/20 07:45		N3
MBIO Total Coliform DW	,	Method: SM22 llytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB6	Lab ID:	70126769006	Collecte	Collected: 04/01/20 08:30 Re			Received: 04/01/20 16:00 Matrix: Drinking Wa		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical I Pace Analy	Method: ytical Services	- Melville						
Field Residual Chlorine	0.56	mg/L			1		04/01/20 08:30		N3
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB7	Lab ID:	Collecte	Collected: 04/01/20 09:20 Re			Received: 04/01/20 16:00 Matrix: Drinking			
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Ana	Method: lytical Services	- Melville						
Field Residual Chlorine	0.52	mg/L			1		04/01/20 09:20		N3
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB8	Lab ID:	70126769008	Collecte	Collected: 04/01/20 08:50 Received:			04/01/20 16:00 Matrix: Drinking Wate		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Anal	Method: lytical Services	- Melville						
Field Residual Chlorine	0.65	mg/L			1		04/01/20 08:50		N3
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB9	Lab ID:	70126769009	Collecte	Collected: 04/01/20 08:00 Received:			d: 04/01/20 16:00 Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Ana	Method: lytical Services	- Melville						
Field Residual Chlorine	0.54	mg/L			1		04/01/20 08:00		N3
MBIO Total Coliform DW	•	Method: SM22 lytical Services		ilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			

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ANALYTICAL RESULTS

Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB10	Lab ID:	70126769010	Collecte	Collected: 04/01/20 10:05 Rec			Received: 04/01/20 16:00 Matrix: Drinking Wat		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Analy	Method: ytical Services	- Melville						
Field Residual Chlorine	0.71	mg/L			1		04/01/20 10:05		N3
MBIO Total Coliform DW	•	Method: SM22 ytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



Project: DIST BACT 4/1
Pace Project No.: 70126769

Sample: HB11 Lab ID: 70126769011		Collected: 04/01/20 08:15		Received: 04/01/20 16:00 M		Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Pace Anal	Method: ytical Services	- Melville						
Field Residual Chlorine	0.76	mg/L			1		04/01/20 08:15		N3
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville								
Total Coliforms E.coli	Absent Absent				1 1	04/01/20 17:55 04/01/20 17:55			



E.coli

Total Coliforms

Date: 04/03/2020 04:02 PM

QUALITY CONTROL DATA

DIST BACT 4/1 Project: Pace Project No.: 70126769

QC Batch: 155673 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotCoIDW MBIO Total Coliform

> Laboratory: Pace Analytical Services - Melville

> > 04/02/20 11:55

70126769001, 70126769002, 70126769003, 70126769004, 70126769005, 70126769006, 70126769007, Associated Lab Samples:

70126769008, 70126769009, 70126769010, 70126769011

METHOD BLANK: 749142 Matrix: Drinking Water

Associated Lab Samples: Blank

Absent

70126769008, 70126769009, 70126769010, 70126769011

Reporting Parameter Units Result Limit Analyzed Qualifiers Absent 04/02/20 11:55

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: DIST BACT 4/1
Pace Project No.: 70126769

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 04/03/2020 04:02 PM

N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DIST BACT 4/1
Pace Project No.: 70126769

Date: 04/03/2020 04:02 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70126769002	HB2		 155815	_	
70126769003	HB3		155815		
70126769004	HB4		155815		
70126769005	HB5		155815		
70126769006	HB6		155815		
70126769007	HB7		155815		
70126769008	HB8		155815		
70126769009	HB9		155815		
70126769010	HB10		155815		
70126769011	HB11		155815		
70126769001	HB27	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769002	HB2	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769003	HB3	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769004	HB4	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769005	HB5	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769006	HB6	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769007	HB7	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769008	HB8	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769009	НВ9	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769010	HB10	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689
70126769011	HB11	SM22 9223B Colilert	155673	SM22 9223B Colilert	155689

WO#: 70126769

Sample Request Form PUBLIC WATER SUPPLIER

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Distribution	Raw Well	Treated Well	Tank	Monitoring Well	Influent	Effluent
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- Resample RO - Routine RE - Resample S - Special

SW - Surface Water

WW - Waste Water

AQ - Aqueous S - Soil

PW - Potable Water GW - Groundwater

Sample Types

FO. BOX 1013 HAMPTON BAYS, NEW YORK 11946 (631) 728-0179

HAMPTON BAYS WATER DISTRICT

Name or Code:

Address: -

Phone #:

Attn:

Client Info:

- Iron Removal Plant	- Other
뿐	0

GAC - Granular Activated Charcoal - Nitrate Removal Plant

AST - Air Stripper

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Sample Info:

Proj. # or (Name):

Bill To:

Date/Time Collected:	Sample	Location	Ortgin	Treatment Purpose	Purpose	Field R Cl ₂	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
9:354M		H 377	a	ŧ	Ro	•	117.6	RACT W/CC	
41.50AM		T T	A	1	Ro	154 7.31	7.31	BACT WICE	
9:051	8	43	D	ı	Rd	.46 7.63	7.63	8ACT W CC	
7:30AM		たけ	0	ı	Ro	os. 7.50	7.50	BACT W/CC	
7:45pm		SIF	P	1	Ro	bC.	7.41	BACT W CC	
8:30Am		分升	0	1	Ro	75'	7.20	BACT W CC	
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Remarks:

Page 19 of 20

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Pace Analytical

Sample Condition Upon Receipt

Service Control of Con	Client	Name:	12	Proje	MOH /0]	126/69
		1	-Bu		PM: KMM	Due Date: 05/01/20
Courier: Fed Ex UPS USPS Cli	ent Comm	nercial Pac	ce Dthe	r	CLIENT: HBW	
Tracking #:			- 12		Tamanatura Ulank	HEACORY I I I I I I I I I I I I I I I I I I I
Custody Seal on Cooler/Box Present:				Yes No		Present: [] 165 [] NO
Packing Material: Bubble Wrap Bubble	Bags 🔲 Zi	ploc None	Dtheir	α	Type of Ice: Wet	
Thermometer Used: TH091	Correc	tion Factor:	10.	3 ,,	Samples on ice, cool	
Cooler Temperature (°C): 4.6	Cooler	Temperature	Corrected	d (°C): 7. (Date/Time 5035A kit	ts placed in freezer
Temp should be above freezing to 6.0°C				Date and Initials	of person examining co	ntents: 8 4/1/20
USDA Regulated Soil (N/A, water samp		AL AR CA	EL CA ID		•	m a foreign source (internationally,
Did samples originate in a quarantine zone within the NM, NY, OK, OR, SC, TN, TX, or VA (check map)?					including Hawaii and Pu	ierto Rico)? 🗌 Yes 🔀 No
If Yes to either question,	fill out a Re	gulated Soil	Checklis	t (F-LI-C-010) and	include with SCUR/COC	paperwork.
					COMMENTS	
Chain of Custody Present:	ElYes	□No		1,		
Chain of Custody Filled Out:	∕EÝes	□No		2.		
Chain of Custody Relinquished:	EYes	□No		3.		
Sampler Name & Signature on COC:	ØŶes	□No	□N/A	4.		
Samples Arrived within Hold Time:	ØYes	□No		5.		
Short Hold Time Analysis (<72hr):	Pres	□No		6.		
Rush Turn Around Time Requested:	□Yes	No		7.		
Sufficient Volume: (Triple volume provided for MS/N	ISD TYes	□No		8,		
Correct Containers Used:	Yes	□No		9.		
-Pace Containers Used:	E Yes	□No				
Containers Intact:	Yes	□No		10.		
Filtered volume received for Dissolved tests	□Yes	□No	ØN∕A		ediment is visible in the dissolve	ed container.
Sample Labels match COC:	ØYes	□No		12.		
-Includes date/time/ID/Analysis Matrix SL			1		EUCO ENGO	HCI
All containers needing preservation have been chec	^{:Ked} □Yes	□No	□N/A	13. 🗆 HNO)₃ □ H₂SO₄ □ NaO	M D NOI
pH paper Lot #			1	Samala #		
All containers needing preservation are found to be	in		1	Sample #		-01 0
compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide,	□Yes	□No	AMD/			
NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Gre	ase.					a la est suitad
DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when comple	ted: Lot # of added preserva	tive: Date/Time preservative added.
Samples checked for dechlorination:	□Yes	□No	ØN/A	14.		
KI starch lest strips Lot #						ñ
Residual chlorine strips Lot #					for Res. Chlorine? Y N	
Headspace in VΩA Vials (>6mm):	□Yes	□No	AND	15.		
Trip Blank Present:	□Yes	□No	DN/A	16.		
Trip Blank Custody Seals Present	□Yes	□No	DN/A	1		
Pace Trip Blank Lot # (if applicable):			1			
Client Notification/ Resolution:				Field Data Requir		
Person Contacted:				Date/T	ime:	
Comments/ Resolution:						
					,	

^{*} PM (Project Manager) review is documented electronically in LIMS.